M. A. R. 57 (Rule 116) **No. D**

Measurement Book

Serial No. 2nd and final Bill

58962

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... Sri. N. Shivananda. Contractor, Bagalagunte, Bengaluru

Date of commencement of work..... D.O. Received - 10-01-2019

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Name of Works :- Imp to Roads and drains at Jarakabanda kaval slum near church in Ward no. 12, Shelly holli sub-Division.						
	Estimated cost Rs	50.00	Lakhs				
	TS No	- 012-17-000018 - P-code - P-1771					
	Work order No	= EE/DD/WO/112/17-18 Dt. 21-06-2017					
①	Earthwork excavation by manual means in ordinary soil.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	involving average horizontal throw upto 2mt and avg lift upto 1.50m, Excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications and directions of Engineer-in-charge work done						
	a) Provisionally vide this MB P.58920					212.07 m³	
	#①						
	b) Presently qty vide this MB P.58998					73.19	
	#①						
					Total	285.26 m³	
					ded - P.paid qty	212.07 m³	
						5855.20	
					Net	73.19 m³	
	@ Rs. 80.00/m³						

M. A. R. 57 (Rule 116) No. D

Measurement Book

58963

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	① Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with 40 mm nominal down size graded granite metal coarse aggregate @ 0.85 m³ & fine aggregate @ 0.57 m³ mixed, machine mixed cement concrete laid in layers not exceeding 15 cms thick well compacted & finished complete including curing all material, labour, tools, machinery curing complete as per specifications and directions of Engineer-in-charge etc.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(a) Previous - qty = vide this mb. p.no 58930 # no. (2)					= 160.68 m³	
	(b) present - qty = vide this mb. p.no 58000					35.27	
					Total	195.95 m³	
			deduct		p. paid qty	160.68	
					net qty	35.27 m³	
					@ 4800/m³		169296.00
3)	Providing and laying in position reinforced cement concrete of design mix M.20 with opc. cement @ 320kg with 20mm and down size graded granite metal coarse						

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Measurement Book

58964

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	aggregate @ 0.69 m³ and fine aggregate 0.46 m³, With super plasticizer, @ 8 l/m³ confirming to IS-9103-1999 Re-affirmed - 2008, machine mixed concrete laid in layers not exceeding 15 cms thick well vibrated for all works in foundations, pedestals, retaining walls, staircase, retaining wall, Retaining Walls, attached pilasters, columns piers, abutments, pillars, pushes struts, buttresses, string & lintel, parapets, bed blocks, anchor blocks, plain Windows & sills, fillets etc including						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	cost of all material, labour, of machinery, curing complete as per specifications.						
		1	12.00	7.00	0.15	12.60 m³	
		1	30.00	2.15	0.15	9.45	
		1	20.00	2.10	0.15	6.30	
		1	30.00	1.40	0.15	7.60	
		1	12.50	1.70	0.15	3.14	
		1	11.60	2.80	0.15	4.87	
		1	34.00	1.60	0.15	8.14	
		1	15.00	1.70	0.15	3.83	
		1	16.00	3.70	0.15	8.88	
		1	8.20	3.80	0.15	4.67	

N. Iravade

M. A. R. 57 (Rule 116) No. D

Measurement Book

58965

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	8.20	5.80	0.15	7.13	
		1	22.00	3.20	0.15	10.56	
		1	4.30	1.20	0.15	0.77	
		1	9.60	3.20	0.15	4.61	
		1	9.70	0.40	0.15	0.58	
		1	10.10	2.45	0.15	3.64	
		1	19.30	3.10	0.15	8.97	
		2	9.50	3.15	0.15	8.84	
		1	17.00	2.20	0.15	6.83	
						124.54 m³	648259.50

Cld upto 10/1/2019

N. Iravade @5350/m³ Upto 124.17 m³

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4]	Providg 1 mg. steel reinforcement for RCC roofs, including straightg, cuttg, bendg, hookg, in positn, lappg or weldg wherever required tyig with biadg wire and anchorg to the adjoing members, complete as per design, costing material, labour, hirings of machinery complete as per specifcatn.						
		–	not operated	–	–		–
5]	Providg and removg centrg, shuttering, strutting, propping etc and removal of form works for vertical surface such as walls of any thickness, including oiling.						

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Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	pilasters, buttresses, plinth cills and string courses, costing all material, labour complete as per specifcatns dirctns of Engineer-in-charge work						
		–	not operated	–	–		
6]	Disposal of debries to the final place of disposal within lead and lift as directed by the Engineer-in-charge of the work. etc. complete.						
		–	not operated	–	–		

N. Veerend

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Total B	₹,23,410.70
	Certificate (1) certified that the contractor has work done satisfactorily. (2) the contractor has removed the debris from site (3) there is no any dept. materials supplied to Contractor. 10/01/2019						

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Measurement Book

58967

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							2